R15

Code No: 724AD

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MBA IV Semester Examinations, June/July-2018
CYBER SECURITY

Time: 3 hours **Max.Marks:75**

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART - A **5 × 5 marks = 25**

1.a) What is cybercrime? Give an example of the cybercrime that has happened recently. [5]
b) Discuss the purpose of proxy server. [5]
c) Explain the need for network forensics. [5]
d) How to identify Digital Evidence? Explain. [5]
e) List and define the Web threats for organizations. [5]

PART - B **5 × 10 marks = 50**

2.a) What attacks are possible on mobile phones? Explain.
b) Describe the measures the organization has to take while handling mobile devices. [5+5]

OR

3. List and explain the Security policies and measures in mobile computing era.[10]

4.a) Compare and contrast virus and worm.
b) How to protect from Trojan Horses and backdoors? Explain. [5+5]

OR

5.a) Give an example 'C' program to illustrate Buffer overflow attack.
b) Describe the possible attacks in wireless environment. [5+5]

6.a) Explain the Computer forensic from compliance perspectives.
b) Draw and explain the lifecycle of Digital Forensics. [5+5]

OR

7. Describe the Relevance of the OSI 7 Layer model to computer Forensic. [10]

8. How hand-held devices are in digital forensics. Also describe the Forensic of i-pod and digital music devices. [10]

OR

9.a) Give a brief note on the working characteristics of cell phone.
b) List the Techno legal Challenges with evidence from hand held devices. [5+5]

10.a) Describe the IPR related threats in the cyber space.
b) What do you think are the best practices to be adopted by the organization related to digital forensics? [5+5]

OR

11. What is cyber security? Discuss various ways of ensuring security to an organization against cybercrimes. [10]

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